

O I P E  
FEB 03 2003  
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/742,029 Confirmation No.: 8669  
First Named Inventor: Ghoheng Zhao et al. Filing Date: December 20, 2000  
Group Art Unit: 2877 Examiner: Zandra V. Smith  
Atty. Docket No.: M-10696 US  
Title: SYSTEMS FOR MEASURING PERIODIC STRUCTURES  
Assignee: KLA-TENCOR TECHNOLOGIES CORPORATION

BOX FEE AMENDMENT  
COMMISSIONER FOR PATENTS  
Washington, D. C. 20231

AMENDMENT

Dear Sir:

This is a response to the Office Action mailed October 3, 2002, setting a period for response expiring on January 3, 2003. A Petition for Extension of Time is being filed herewith to extend to the response period to February 3, 2003. Please amend the above-referenced application as follows:

IN THE CLAIMS:

1. A method for measuring one or more parameters of a periodic structure, comprising:

    directing a polychromatic beam of electromagnetic radiation to the structure;  
    collecting radiation from the beam after it has been modified by the structure;  
    dividing the collected radiation into two collected rays having different polarization states;

    detecting the two rays to provide two outputs; and

    deriving the one or more parameters from the two outputs.

02/06/2003 JBALINAN 00000055 192386 09742029

LAW OFFICES OF  
SKJERVEN MORRILL LLP

San Jose, CA  
San Francisco, CA

RECEIVED  
San Francisco, California  
February 3, 2003

FEB 10 2003

TECHNOLOGY CENTER 2800

AMENDMENT

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450.00 CH  
#914489 v2 - M-10696 US - Amendment

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2811B  
skjerven morrill LLP



February 3, 2003

Box FEE AMENDMENT  
Commissioner For Patents  
Washington, D.C. 20231

Re: Application No.: 09/742,029  
First Inventor: Ghoheng Zhao et al.  
Group Art Unit: 2877  
Atty. Docket No.: M-10696 US  
Title: SYSTEMS FOR MEASURING PERIODIC STRUCTURES  
Assignee: KLA-TENCOR TECHNOLOGIES CORPORATION

Confirmation No.: 8669  
Filing Date: December 20, 2000  
Examiner: Zandra V. Smith

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) Return Receipt Postcard;
- (2) This Transmittal Letter (in duplicate);
- (3) Amendment (37 pgs.);
- (4) Petition For Extension Of Time (in duplicate) (1 pg.);

The fee has been calculated as shown below:

**CLAIMS AS AMENDED**

	Claims Remaining <i>After Amendment</i>		Highest No. Previously Paid For	Present Extra	Rate		Additional Fee
Total							
Claims	80	Minus	55	=	0	x \$18.00	\$ 450.00
Independent							
Claims	10	Minus	10	=	0	x \$84.00	\$
<input type="checkbox"/> Fee of \$ _____ for the first filing of one or more multiple dependent claims							\$
<input checked="" type="checkbox"/> Fee for Request for Extension of Time (1 month)							\$ 110.00

**Total additional fee for this Amendment:**

Please charge our Deposit Account No. 19-2386 in the amount of \$ 560.00

Conditional Petition for Extension of Time: If an extension of time is required, the Commissioner is authorized to deduct the necessary fee from Deposit Account No. 19-2386.

Also, charge any additional fees required and credit any overpayment to our Deposit Account No. 19-2386.

EXPRESS MAIL LABEL NO:

EV 212982916 US

Respectfully submitted,



James S. Hsue  
Attorney for Applicants  
Reg. No. 29,545

TECHNOLOGY CENTER 2800

FEB 10 2003

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